

ABSTRACT OF THE DISCLOSURE

A filter for filtering blood includes a coiled core with a hollow center. The core has only two layers that are coiled atop one another, the two layers being a blood filter layer and a spacer layer where blood flows more easily through the spacer layer than through the filter layer. An outer side of one of the spacer layer and the filter layer defines an outer circumference of the core. The filter and spacer layers are coiled so that both sides of the filter layer directly contact respective sides of the spacer layer. A casing for the core has a blood inlet in fluid communication with the outer circumference of the core and a blood outlet in fluid communication with the hollow center. Blood entering the inlet travels to the outlet within the spacer layer and transversely across the filter and spacer layers.